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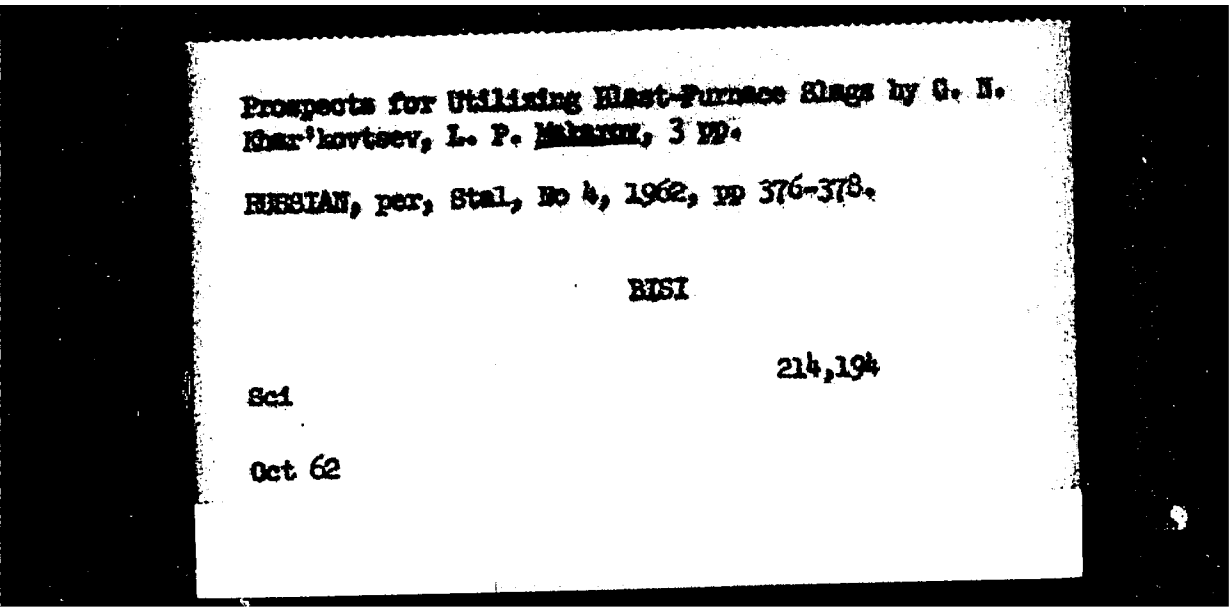

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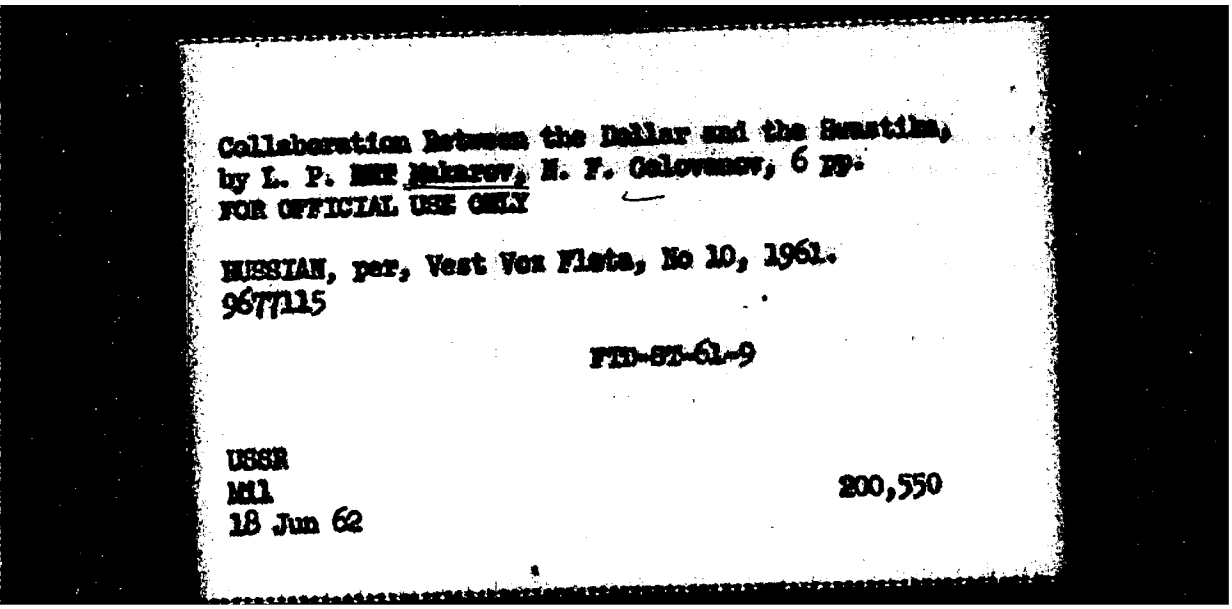

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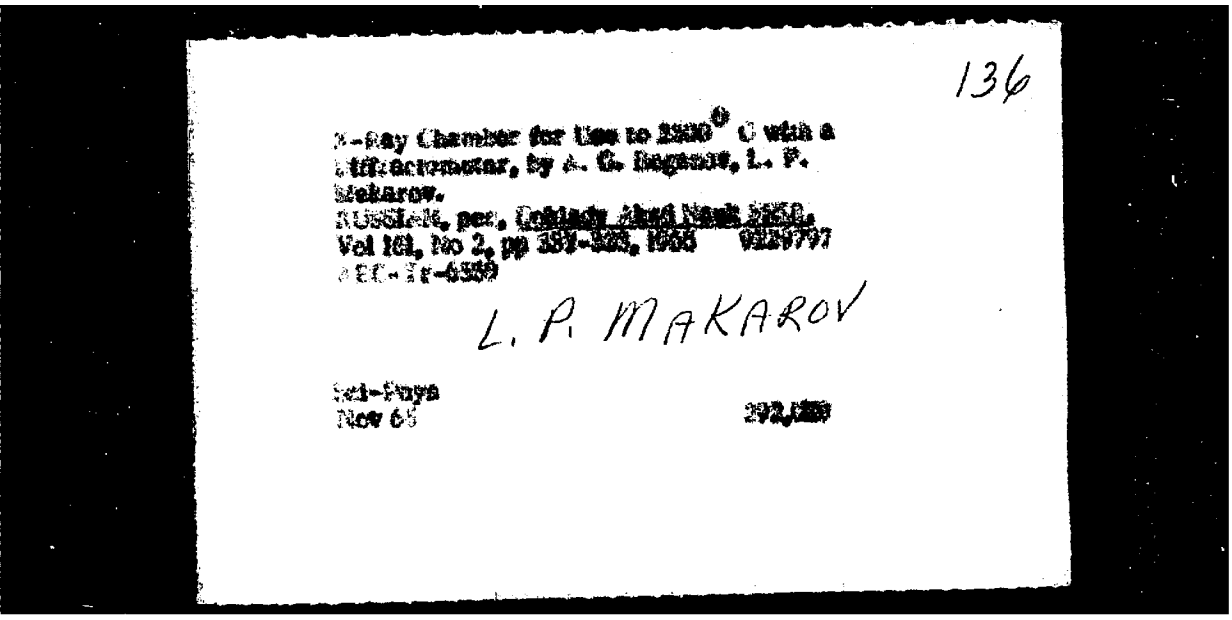

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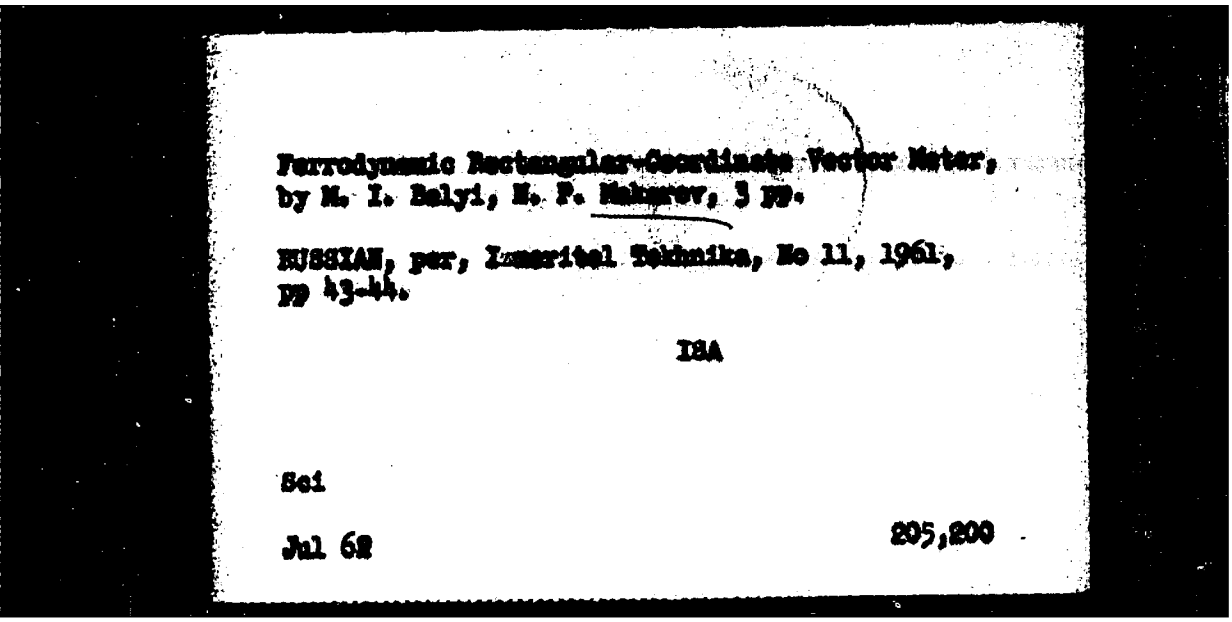

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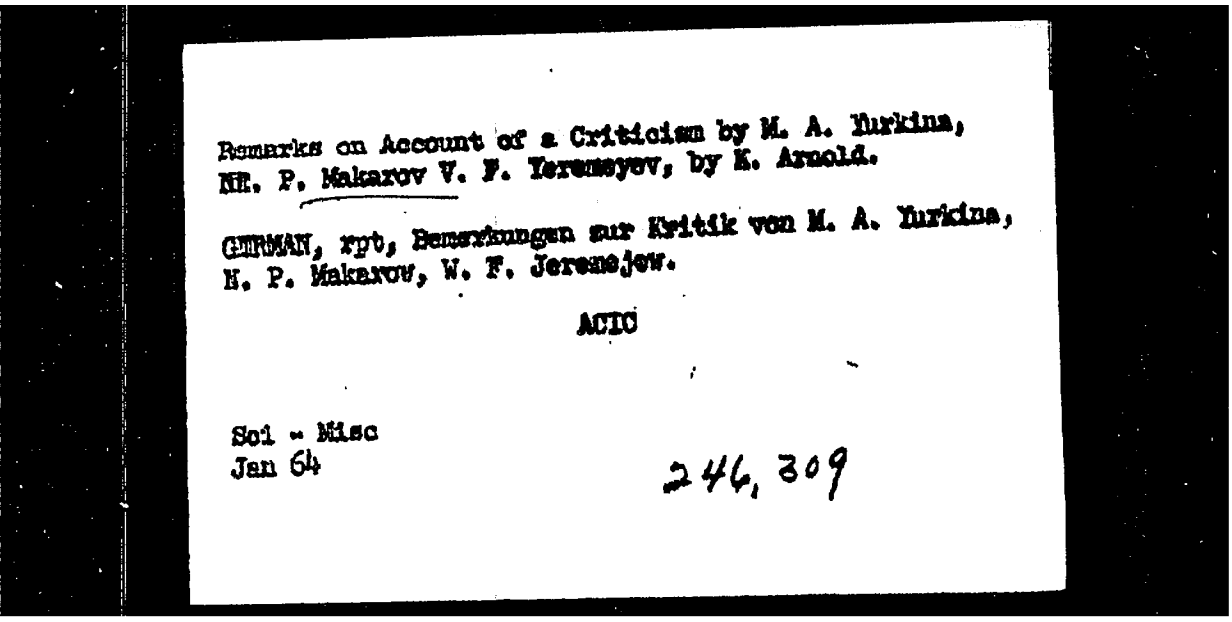

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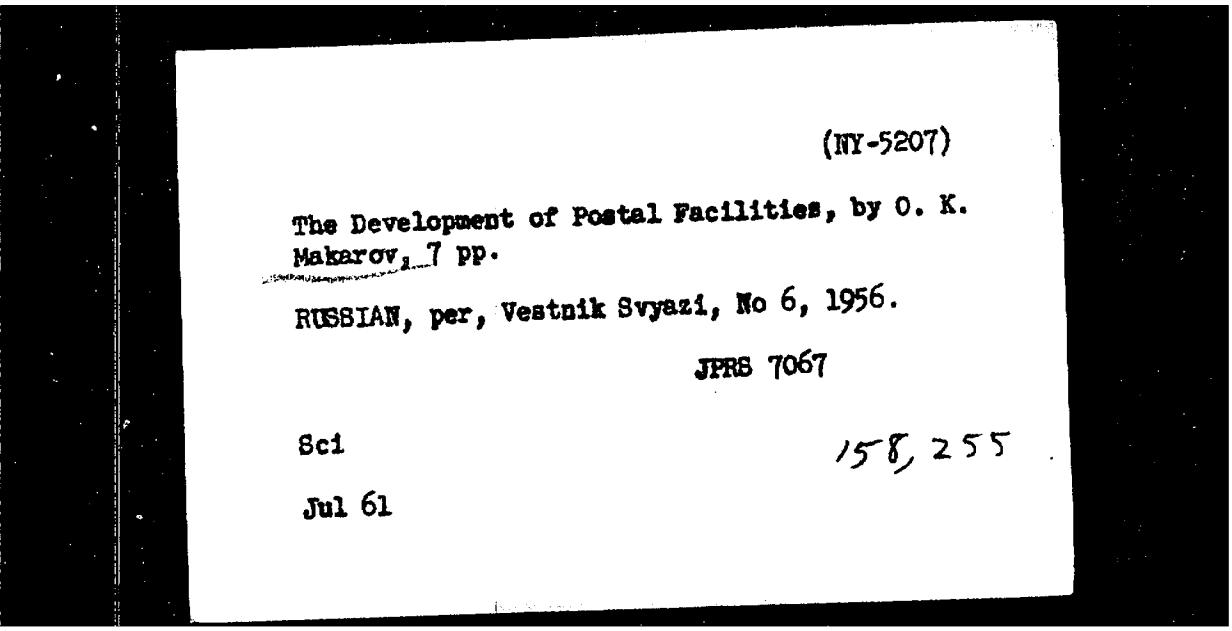

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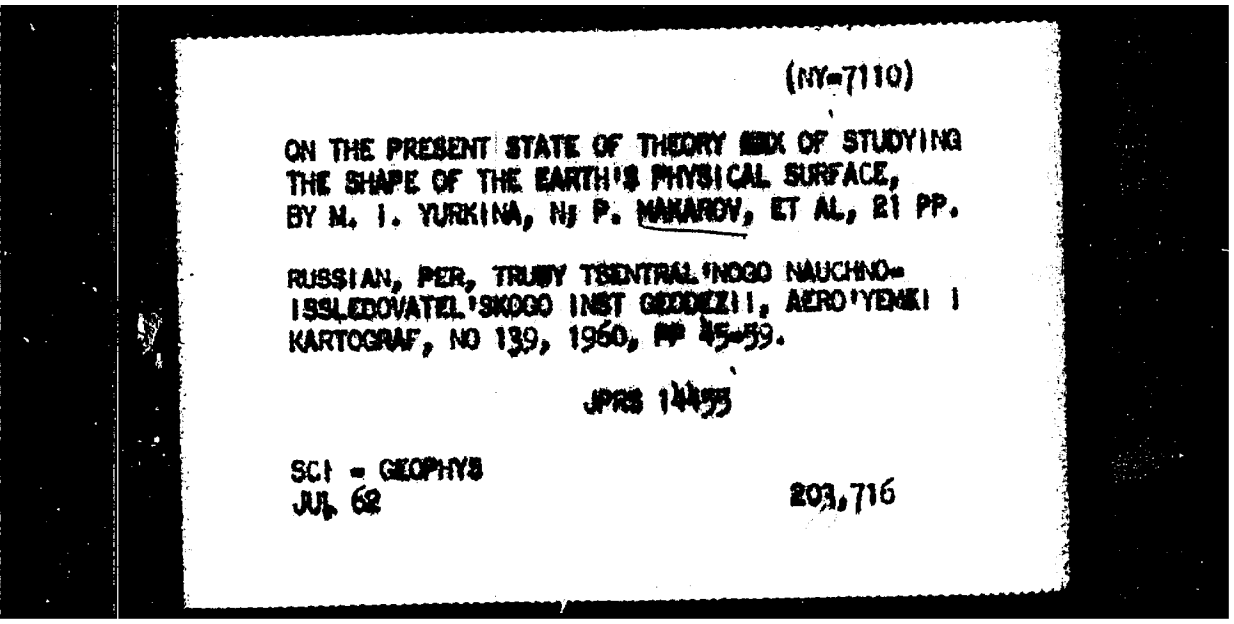

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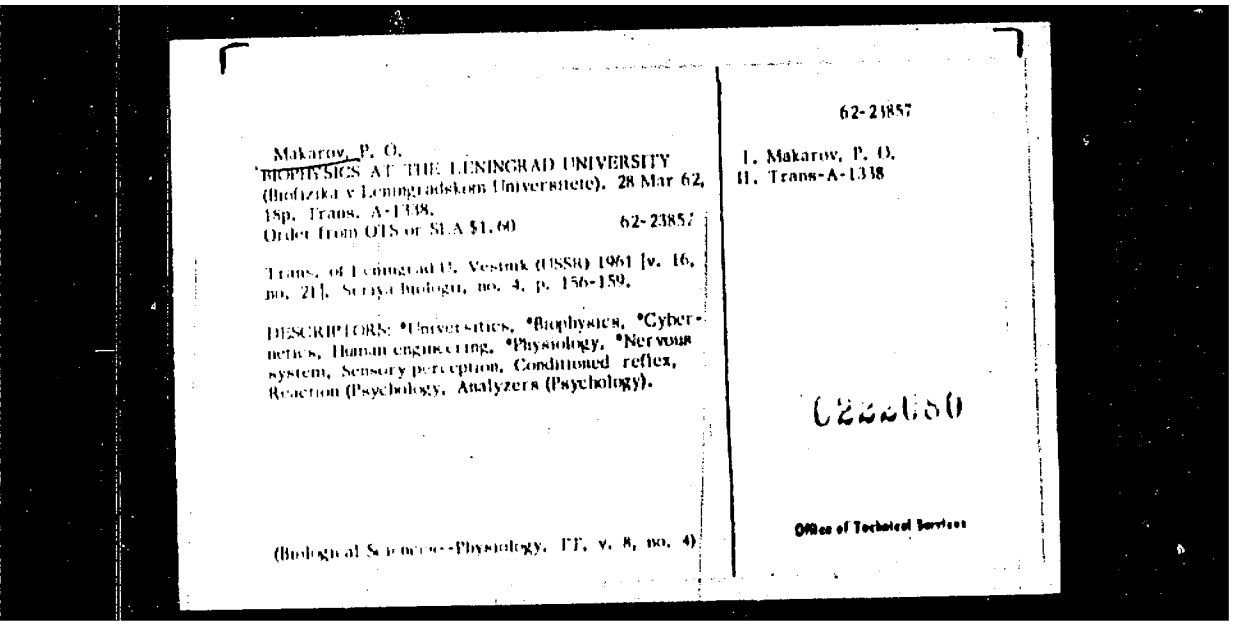

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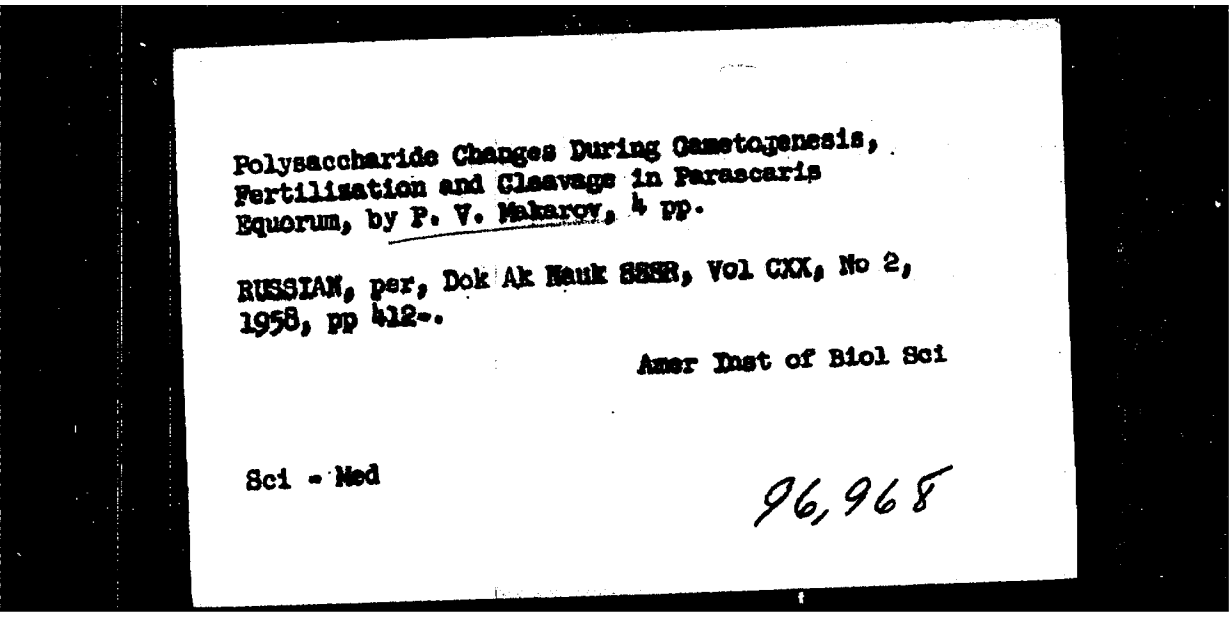

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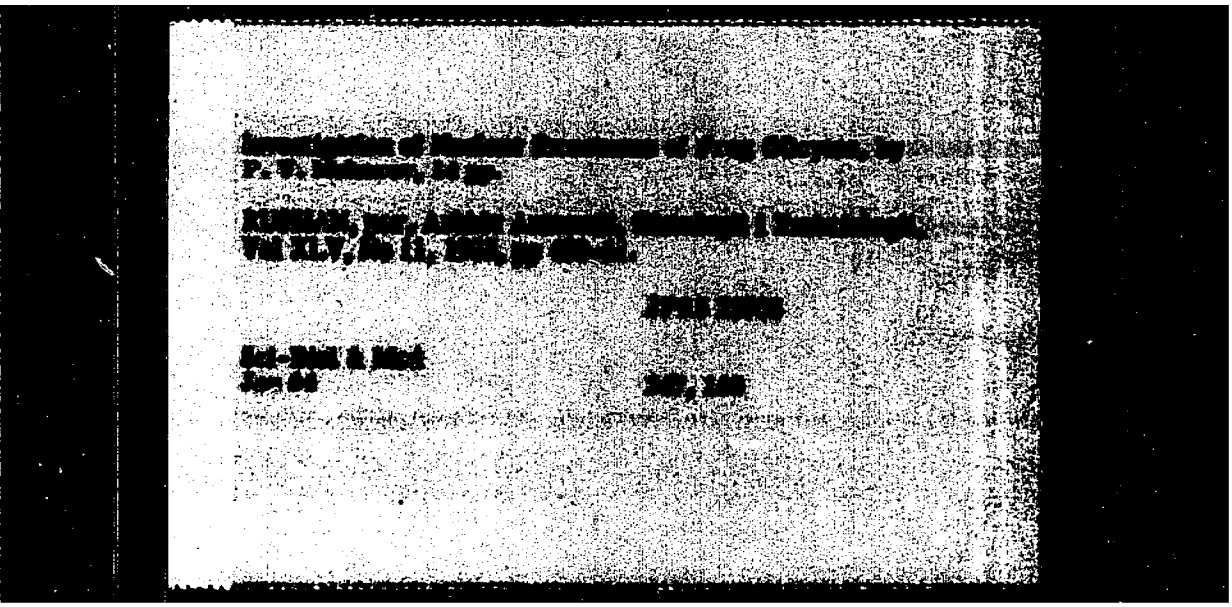

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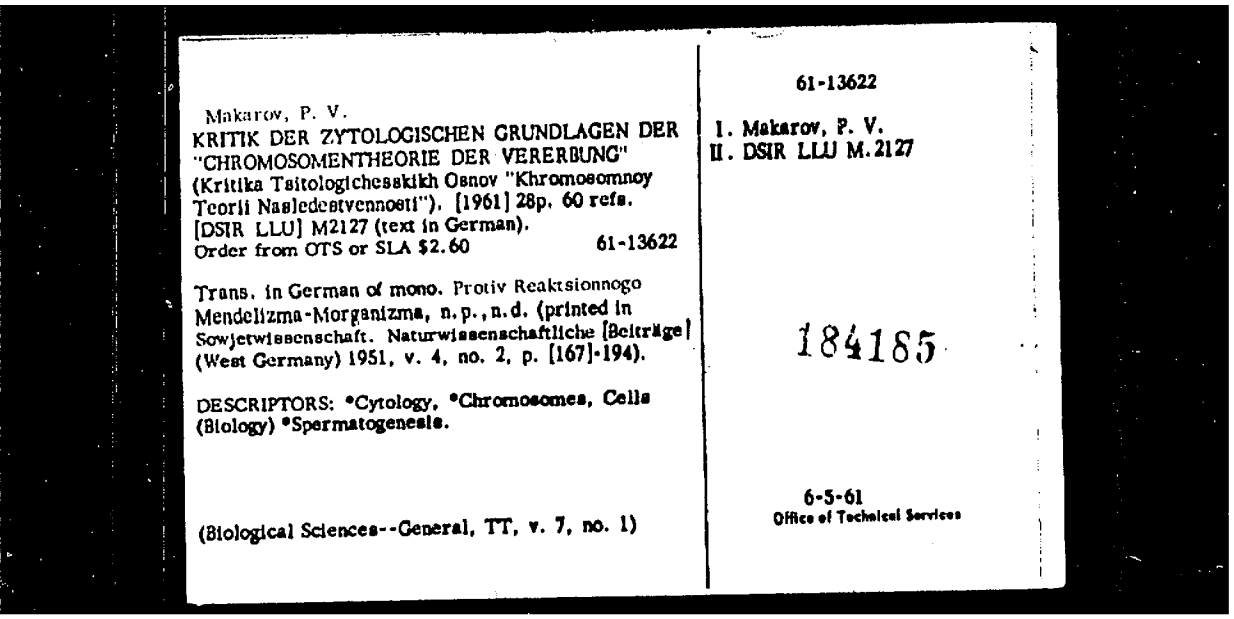

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(Biological Sciences--General, TT, v. 7, no. 1)

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(Biological Sciences--Biochemistry, TT, v. 7, no. 1)

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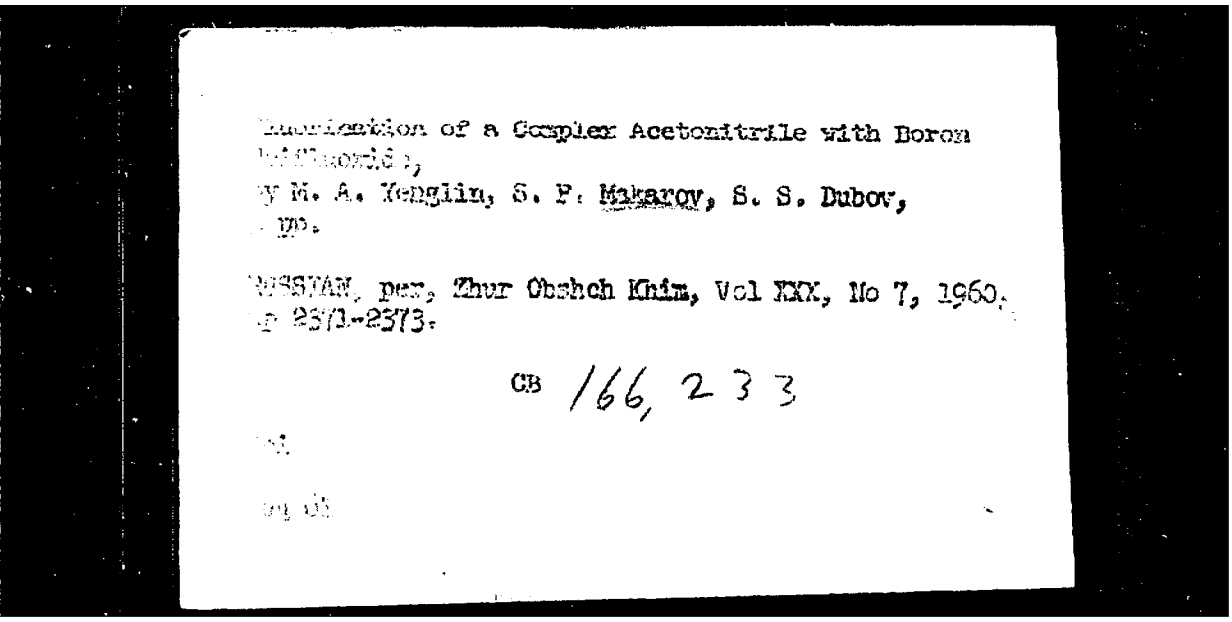

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Makarov, S. Z. and Sokovnin, Ye. I.
ON THE SOLUBILITY OF POTASSIUM OZONIDE IN LIQUID AMMONIA. THE NH_3-KO_3 SYSTEM.
24 May 61 [1]p. AID rept. 61-81. AD-257 921
Order from OTS or SLA $1.10 61-23492

Abstract trans. of Akademiya Nauk SSSR. Doklady, 1961, v. 137, no. 3, p. 612-613.

DESCRIPTORS: *Ozonides, Potassium compounds, Solubility, Liquid ammonia.

The temperature range for the study was -33 to -80°C, corresponding to the liquid state of ammonia. The latter temperature corresponds to a eutectic composition with 5.1 g of KO_3 per 100 g of NH_3. Solubility at -35°C was approximately 15 g of KO_3 per 100 g of NH_3. Study of the crystallization conditions made it possible to obtain potassium ozonide in the purest form known to date--98.1% pure by weight. (Extracted)

61-23492

I. Makarov, S. Z.
II. Sokovnin, Ye. I.
III. Title: NH_3...
IV. AID-61-81
V. Air Information Div., Washington, D. C.
VI. AD-257 921

Office of Technical Services
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Systems With Concentrated Hydrogen Peroxide. Communication 22. Thermal Analysis of Copper Peroxides, by S. Z. Makarov, T. I. Arnold, 5 pp.

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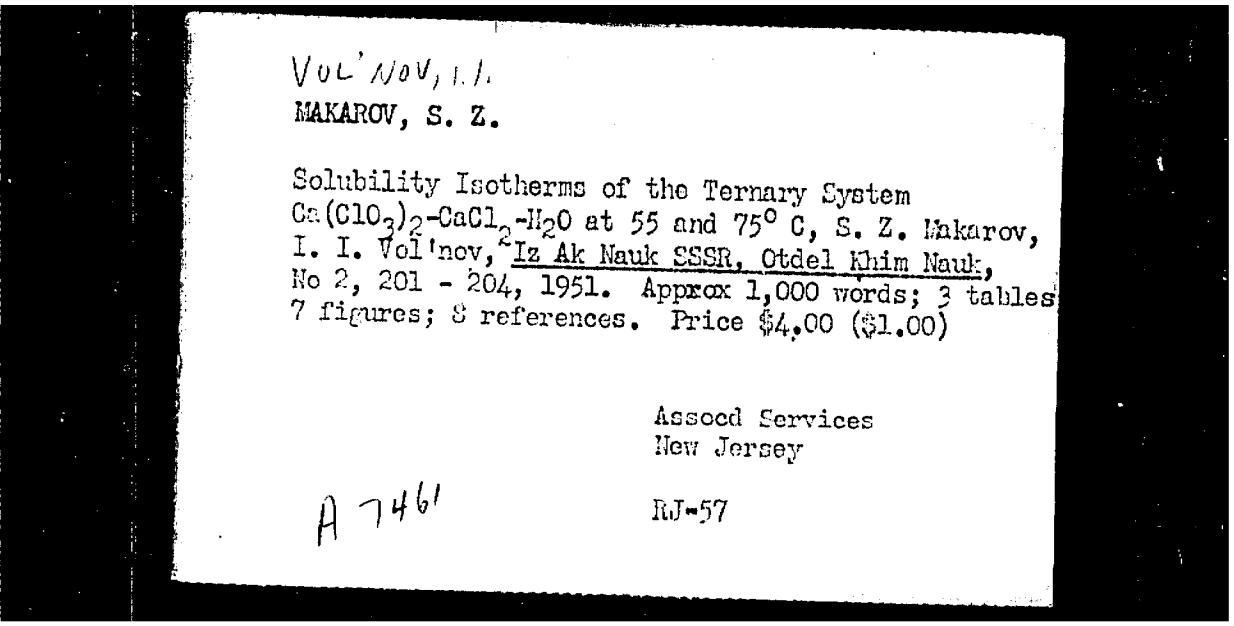

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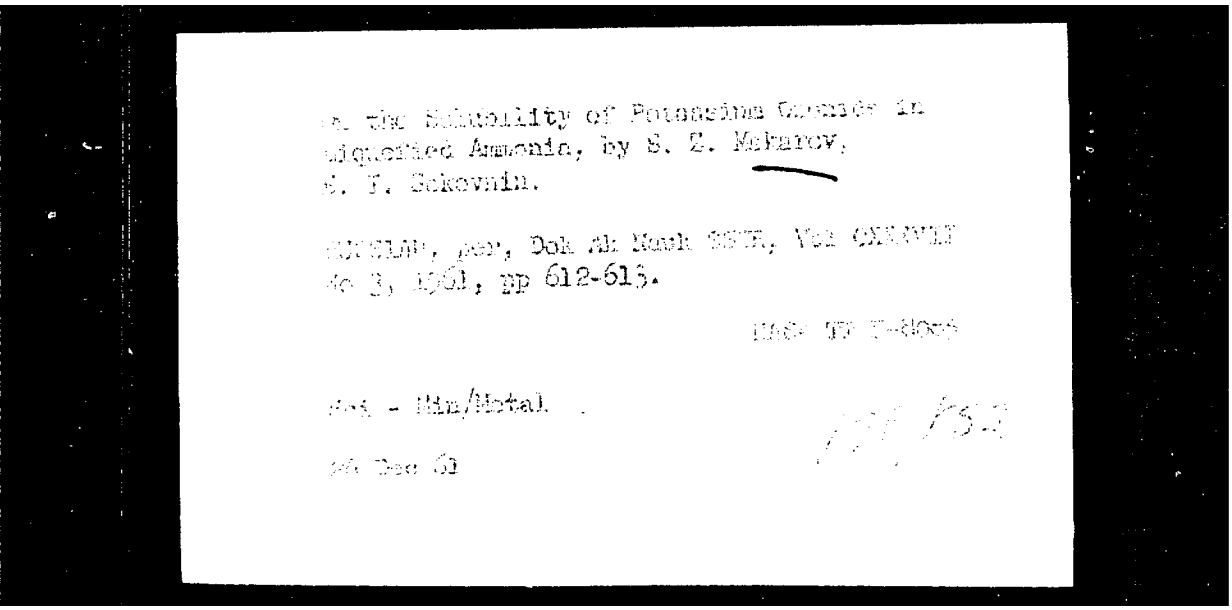

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The System Chromyl Chloride-Chromic Anhydride, and the Preparation of Chromic Anhydride of High Purity, by S. Z. Makarov, A. A. Vakhrushev, 4 pp.

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